



**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADINGS**DATE:** October 30, 2000**SUBJECT:** Jefferson Processing Site (Mingo Junction, Jefferson County, Ohio)**FROM:** Thomas Cook, OSC, U.S. EPA Region V, ERB, Chicago, IL

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POLREP #8 AND FINAL**II. BACKGROUND****Site ID No:** B5C2**CERCLIS No:** OHSFN0508038**Response Authority:** CERCLA**Demobilization Date:** TBD**Delivery Order No:** 0042**NPL Status:** Non-NPL**Start Date:** August 1, 2000**Completion Date:** TBD**III. SITE DESCRIPTION****A. Incident Category**

CERCLA Removal at an inactive facility

B. Site Description**1. Site location and background**

See POLREP #1.

2. Description of threat

See POLREP #1.

C. Preliminary Assessment/Site Inspection Results

See POLREP #1.

IV. RESPONSE INFORMATION

A. Situation and Actions Taken

1. Current situation

A total of approximately 33,000 gallons of non-hazardous (i.e., <50 ppm PCBs) and hazardous (i.e., ≥50 ppm PCBs) oils from 18 transformers have been drained and transported off site for treatment and/or disposal. A total of 159 capacitors have been inventoried, overpacked into salvage drums, and transported off site for disposal. A total of 14 transformer carcasses have been transported off site for disposal. U.S. EPA, START, Emergency and Rapid Response Services (ERRS), and ERRS subcontractor personnel finished Phase IIC of the planned removal actions and demobilized all personnel, equipment, and supplies on October 27, 2000.

2. Removal activities to date

On Monday, October 23, 2000, the ERRS subcontractor performed the following tasks:

- Removed the radiator fins from two of the Substation transformers (SS-J and SS-K).
- Cut away sections of the railing/fencing on several levels in Buildings J1 and J2.
- Repositioned transformer carcasses J1-E and J2-P in preparation for removal by crane for transportation and disposal (T & D).

On Tuesday, October 24, 2000, the ERRS subcontractor performed the following tasks:

- Relocated transformer carcass J1-E on the ground.
- Loaded transformer carcasses J2-Q and J2-N onto the flat-bed trailer with J1-I and PH-M and transported all four transformer carcasses off site for disposal.
- Loaded transformer carcasses J1-D and J2-P onto a flat-bed trailer and transported them off site for disposal.

On Wednesday, October 25, 2000, the ERRS subcontractor performed the following tasks:

- Loaded transformer carcasses J1-E and J1-H and the casings for two of the Substation transformers (SS-L and ½ of SS-K) onto flat-bed trailers and transported them off site for disposal.

On Thursday, October 26, 2000, the ERRS subcontractor performed T & D operations on the following:

- Cores of Substation transformers SS-L, SS-K, and SS-J.
- Casings for SS-J and ½ of SS-K.
- Three drums of transformer oil and three Substation transformer electrical panels.
- 24 radiator fins from Substation transformers SS-L and SS-K (also four transformer breathers).

On Friday, October 27, 2000, the ERRS subcontractor performed T & D operations on the following:

- Eight radiator fins from Substation transformer SS-J.
- Substation transformer lids and bushings.

All personnel, equipment, and supplies demobilized from the Site.

B. Planned Removal Actions

Phase I: Removal and off-site disposal of all capacitors and miscellaneous containers of hazardous materials.

Phase IIA: Demolition, cleanup, and dismantling of transformers/vaults.

Phase IIB: Removal of transformers via rigging/cranes.

Phase IIC: Transportation and off-site disposal of all transformer carcasses.

C. Next Steps

- No further actions are anticipated at this time.

D. Key Issues

- None.

V. ESTIMATED COSTS (AS OF C.O.B. ON 10/27/00)

EPA Costs	\$43,970.86
ERRS Costs (as of C.O.B. on 10/24/00)	\$380,761.22
<u>START Costs</u>	<u>\$44,965.43</u>
TOTAL COSTS TO DATE	\$469,697.51

Project Ceiling	\$633,000.00
Project Funds Remaining (percentage)	25.8%

VI. DISPOSITION OF WASTES

<u>Dates Removed</u>	<u>Waste Category</u>	<u>Approximate Volume (gallons)</u>
8/26/00	“High-level” (>500 ppm) PCB oils	3,365
8/26 and 8/28/00	“Low-level” (50 to 500 ppm) PCB oils	19,590
8/30/00	Non-hazardous (<50 ppm PCBs) oils	9,633